

Textbook Alignment to the Utah Core – Math 7

This alignment has been completed using an “Independent Alignment Vendor” from the USOE approved list (www.schools.utah.gov/curr/imc/indvendor.html.) Yes N/A No N/A

Name of Company and Individual Conducting Alignment:
McHugh and Associates, Inc.

A “Credential Sheet” has been completed on the above company/evaluator and is (Please check one of the following):

☐ On record with the USOE.

☒ The “Credential Sheet” is attached to this alignment.

Instructional Materials Evaluation Criteria (name and grade of the core document used to align): Math 7 Core Curriculum

Title: Connected Mathematics 2, 7th Grade Units (c) 2009 ISBN#: SE: Variables and Patterns: 0-13-366137-7, Stretching and Shrinking: 0-13-366138-5, Comparing and Scaling: 0-13-366140-7, Accentuate the Negative: 0-13-366141-5, Moving Straight Ahead: 0-13-366142-3, Filling and Wrapping: 0-13-366143-1, What Do You Expect?: 0-13-366144-X, Data Distributions: 0-13-366145-8, Single Bind: 0-13-366119-9 (SE, Single Bind); TE: Variables and Patterns: 0-13-366192-X, Stretching and Shrinking: 0-13-366193-8, Comparing and Scaling: 0-13-366194-6, Accentuate the Negative: 0-13-366195-4, Moving Straight Ahead: 0-13-366197-0, Filling and Wrapping: 0-13-366198-9, What Do You Expect?: 0-13-366199-7, Data Distributions: 0-13-366200-4, Teacher’s Guide Package: 0-13-165884-0 (Teacher’s Guide Package)

Publisher: Pearson Education, Inc. publishing as Prentice Hall

Overall percentage of coverage in the *Student Edition (SE)* and *Teacher Edition (TE)* of the Utah State Core Curriculum: 64%

Overall percentage of coverage in <i>ancillary materials</i> of the Utah Core Curriculum: <u>21</u> %				
STANDARD I: Students will expand number sense to understand, perform operations, and solve problems with rational numbers.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard I: <u>53</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard I: <u>21</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition (SE) and Teacher Edition (TE)</i> (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 1.1: Represent rational numbers in a variety of ways.				
a.	Demonstrate multiple ways to represent whole numbers, decimals, fractions, percents, and integers using models and real-life examples.	SE: Stretching and Shrinking Investigation 2: Similar Figures (35), Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (27), What Do You Expect? Investigation 1: Evaluating Games of Chance (14) TE: Stretching and Shrinking Investigation 2: Similar Figures (52), Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (48), What Do You Expect? Investigation 1: Evaluating Games of Chance (34)		

b.	Simplify numerical expressions with whole number exponents using order of operations, and recognize that any positive number to the 0 power is 1.	SE: Variables and Patterns Investigation 3: Rules and Equations (59), Accentuate the Negative Investigation 4: Properties of Operations (60-63, 69-70) SE: Variables and Patterns Investigation 3: Rules and Equations (83), Accentuate the Negative Investigation 4: Properties of Operations (87-90, 99-100)		
c.	Represent numbers greater than one using scientific notation.		Online Activities: NO-h Exponential Form, NO-m Exponents and Scientific Notation	
d.	Select the most appropriate form of a rational number for a given context.			
Objective 1.2: Compare and order rational numbers, including positive and negative fractions, positive and negative mixed numbers, and positive and negative decimals.				
a.	Identify, read, and locate rational numbers on a number line.	SE: Comparing and Scaling Investigation 1: Making Comparisons (14), Accentuate the Negative Investigation 1: Extending the Number System (10-11, 16) TE: Comparing and Scaling Investigation 1: Making Comparisons (28), Accentuate		

		the Negative Investigation 1: Extending the Number System (21-24, 33)		
b.	Compare pairs of rational numbers in different forms.	SE: Comparing and Scaling Investigation 1: Making Comparisons (15) TE: Comparing and Scaling Investigation 1: Making Comparisons (29)		
c.	Order rational numbers with and without a number line.	SE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (23), Accentuate the Negative Investigation 1: Extending the Number System (10-11, 16, 19), Investigation 4: Properties of Operations (72) TE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (40), Accentuate the Negative Investigation 1: Extending the Number System (21-24, 33-34), Investigation 4: Properties of Operations (100)		
Objective 1.3: Explain relationships and equivalences among rational numbers.				
a.	Find equivalent forms for common fractions, decimals, percents, and ratios, including repeating or terminating decimals.	SE: Stretching and Shrinking Investigation 3: Similar Polygons (51), Investigation 4: Similarity and Ratios (70, 72), Investigation		

		<p>5: Using Similar Triangles and Rectangles (85-86), Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (26-28)</p> <p>TE: Stretching and Shrinking Investigation 3: Similar Polygons (70-71), Investigation 4: Similarity and Ratios (88), Investigation 5: Using Similar Triangles and Rectangles (103), Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (48)</p>		
b.	Predict the effect of operating with fractions, decimals, percents, and integers as an increase or a decrease of the original value.		Online Activity: NO-p Multiplying and Dividing Fractions and Decimals	
c.	Recognize and use the identity properties of addition and multiplication, the multiplicative property of zero, the commutative and associative properties of addition and multiplication, and the distributive property of multiplication over addition.	<p>SE: Accentuate the Negative Investigation 2: Adding and Subtracting Integers (22-24), Investigation 3: Multiplying and Dividing Integers (44-45, 51, 57), Investigation 4: Properties of Operations (64-70, 73-75), Moving Straight Ahead Investigation 1: Walking Rates (17), Investigation 2: Exploring Linear Functions With Graphs and Tables (40-41)</p> <p>TE: Accentuate the Negative</p>		

		Investigation 2: Adding and Subtracting Integers (37-40), Investigation 3: Multiplying and Dividing Integers (63-68, 81, 84), Investigation 4: Properties of Operations (91-102), Moving Straight Ahead Investigation 1: Walking Rates (38), Investigation 2: Exploring Linear Functions With Graphs and Tables (64)		
d.	Recognize and use the inverse operations of adding and subtracting a fixed number, multiplying and dividing by a fixed number, and computing squares of whole numbers and taking square roots of perfect squares.	SE: Accentuate the Negative Investigation 2: Adding and Subtracting Integers (28-30, 41), Investigation 3: Multiplying and Dividing Integers (47-48, 52, 59) TE: Accentuate the Negative Investigation 2: Adding and Subtracting Integers (45-52, 61), Investigation 3: Multiplying and Dividing Integers (73-76, 81-82, 85)		
Objective 1.4: Model meanings of ratios and operations with rational numbers.				
a.	Demonstrate that the fraction a over b represents a divided by b .		An opportunity to address this standard can be found on: Online Activity: AL-p Unit Rates	
b.	Recognize percents as ratios based on 100 and decimals as ratios based on powers of 10.			

c.	Extend the multiplication of whole numbers to multiplication of fractions using area models, measurement models, and the number line.		An opportunity to address this standard can be found on: Online Activities: NO-I Multiplying and Dividing Rational Numbers, NO-p Multiplying and Dividing Fractions and Decimals	
d.	Compare the division of whole numbers to the division of fractions using area or set models, the number line, and missing factors.		An opportunity to address this standard can be found on: Online Activities: NO-I Multiplying and Dividing Rational Numbers, NO-p Multiplying and Dividing Fractions and Decimals	
Objective 1.5: Solve problems involving rational numbers.				
a.	Compute fluently using all four operations with integers and positive fractions and decimals.	SE: Stretching and Shrinking Investigation 2: Similar Figures (34-35), Investigation 5: Using Similar Triangles and Rectangles (85), Accentuate the Negative Investigation 1: Extending the Number System (12-15, 17-20), Investigation 2: Adding and Subtracting Integers (22-41), Investigation 3: Multiplying and Dividing Integers (42-59), Investigation 4: Properties of Operations (60-75), Moving Straight Ahead Investigation 3:		

		<p>Solving Equations (64), Filling and Wrapping Investigation 1: Building Boxes (16-17), Investigation 3: Prisms and Cylinders (44-45), Investigation 5: Scaling Boxes (72)</p> <p>TE: Stretching and Shrinking Investigation 2: Similar Figures (52), Investigation 5: Using Similar Triangles and Rectangles (103), Accentuate the Negative Investigation 1: Extending the Number System (25-32, 33-35), Investigation 2: Adding and Subtracting Integers (37-61), Investigation 3: Multiplying and Dividing Integers (63-85), Investigation 4: Properties of Operations (87-102), Moving Straight Ahead Investigation 3: Solving Equations (92), Filling and Wrapping Investigation 1: Building Boxes (34), Investigation 3: Prisms and Cylinders (76), Investigation 5: Scaling Boxes (111)</p>		
b.	Solve problems using factors, multiples, prime factorization, relatively prime numbers, and common divisibility rules.		Online Activity: NO-a Prime Factorization	
c.	Solve application problems involving rational numbers.	SE: Stretching and Shrinking Investigation 2: Similar Figures		

		<p>(34-35), Accentuate the Negative Investigation 1: Extending the Number System (12-15, 17, 19-20), Investigation 2: Adding and Subtracting Integers (37-38, 40), Investigation 3: Multiplying and Dividing Integers (44-45, 47-48, 50, 53, 55-56), Investigation 4: Properties of Operations (66-67, 71-73), Filling and Wrapping Investigation 1: Building Boxes (16-17), Investigation 3: Prisms and Cylinders (44-45), Investigation 5: Scaling Boxes (72)</p> <p>TE: Stretching and Shrinking Investigation 2: Similar Figures (52), Accentuate the Negative Investigation 1: Extending the Number System (25-32, 34-35), Investigation 2: Adding and Subtracting Integers (59, 61), Investigation 3: Multiplying and Dividing Integers (63-68, 73-76, 81-84), Investigation 4: Properties of Operations (95-98, 100-101), Filling and Wrapping Investigation 1: Building Boxes (34), Investigation 3: Prisms and Cylinders (76), Investigation 5:</p>		
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		Scaling Boxes (111)		
d.	Determine if an answer is reasonable using estimation.		Online Activity: NO-I Multiplying and Dividing Rational Numbers	
STANDARD II: Students will use proportional reasoning to solve problems.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard II: <u>100</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard II: N/A		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition</i>(SE) and <i>Teacher Edition</i> (TE) (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 2.1: Solve problems involving ratios, rates, proportions and percentages.				
a.	Solve ratio and rate problems using informal methods involving multiplication and division.	SE: Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (18-32), Investigation 3: Comparing and Scaling Rates (33-47), Moving Straight Ahead Investigation 4: Exploring Slope (70-71, 78) TE: Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (32-50), Investigation 3: Comparing and Scaling Rates (52-72), Moving Straight Ahead Investigation 4: Exploring Slope (96-100, 115)		
b.	Solve percent problems using ratio and proportion,	SE: Stretching and Shrinking		

	including problems involving discounts, interest, taxes, tips, and percent increase or decrease.	Investigation 1: Enlarging and Reducing Shapes (15-16) TE: Stretching and Shrinking Investigation 1: Enlarging and Reducing Shapes (30)		
c.	Solve problems involving proportions, rates, and measures.	SE: Comparing and Scaling Investigation 3: Comparing and Scaling Rates (33-47), Investigation 4: Making Sense of Proportions (48-62), Moving Straight Ahead Investigation 1: Walking Rates (5-6, 12, 17-19), Investigation 2: Exploring Linear Functions With Graphs and Tables (41-42), Filling and Wrapping Investigation 3: Prisms and Cylinders (43) TE: Comparing and Scaling Investigation 3: Comparing and Scaling Rates (52-72), Investigation 4: Making Sense of Proportions (74-92), Moving Straight Ahead Investigation 1: Walking Rates (16-18, 35, 38), Investigation 2: Exploring Linear Functions With Graphs and Tables (64), Filling and Wrapping Investigation 3: Prisms and Cylinders (75)		
Objective 2.2: Apply the properties of proportionality to different units of measurement.				
a.	Convert from one unit of measurement to an equivalent unit of measurement in the same system	SE: Filling and Wrapping Investigation 5: Scaling Boxes (70,		

	using a given conversion factor.	72) SE: Filling and Wrapping Investigation 5: Scaling Boxes (111)		
b.	Understand that in a proportional relationship, all dimensions change by the same scale factor.	SE: Stretching and Shrinking Investigation 2: Similar Figures (25-27, 30-34, 36), Investigation 3: Similar Polygons (38-57), Investigation 4: Similarity and Ratios (58-77), Filling and Wrapping Investigation 5: Scaling Boxes (64-69, 71-72, 74-75) TE: Stretching and Shrinking Investigation 2: Similar Figures (43-48, 51-53), Investigation 3: Similar Polygons (55-73), Investigation 4: Similarity and Ratios (75-89), Filling and Wrapping Investigation 5: Scaling Boxes (101-112)		
c.	Create and interpret scale drawings and approximate distance on maps using proportions.	SE: Stretching and Shrinking Investigation 2: Similar Figures (25-27, 30-34, 36), Investigation 3: Similar Polygons (38-57), Investigation 4: Similarity and Ratios (58-77), Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (28) TE: Stretching and Shrinking Investigation 2: Similar Figures (43-48, 51-53), Investigation 3: Similar Polygons (55-73), Investigation 4: Similarity and Ratios (75-89),		

		Comparing and Scaling Investigation 2: Comparing Ratios, Percents, and Fractions (48)		
STANDARD III: Students will develop fluency with the language and operations of algebra to analyze and represent relationships.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard III: <u>75</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard III: <u>25</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition (SE) and Teacher Edition (TE)</i> (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 3.1: Evaluate, simplify, and solve algebraic expressions and equations.				
a.	Write a variable expression to identify pattern relationships, and use those expressions to make predictions.		Online Activities: AL-i Describing and Graphing $y=kx$ Relationships and Using Proportional Reasoning, AL-I Sequences	
b.	Translate verbal expressions into algebraic expressions.		Online Activity: AL-e Translating to Symbols	
c.	Simplify and evaluate algebraic expressions.	SE: Stretching and Shrinking Investigation 2: Similar Figures (22-25, 28-29, 33-34), Accentuate the Negative Investigation 3: Multiplying and Dividing Integers (54) TE: Stretching and Shrinking Investigation 2: Similar Figures		

		(33-42, 49-50, 52), Accentuate the Negative Investigation 3: Multiplying and Dividing Integers (83)		
d.	Show that performing the same operation on both sides of an equation will produce an equivalent equation.	SE: Moving Straight Ahead Investigation 3: Solving Equations (48-54, 58-59) TE: Moving Straight Ahead Investigation 3: Solving Equations (71-84, 90-91)		
e.	Solve single-variable linear equations and inequalities of The form $ax + b = c$, $ax + b < c$, or $ax + b > c$.	SE: Variables and Patterns Investigation 3: Rules and Equations (49-63), Investigation 4: Calculator Tables and Graphs (64-80), Moving Straight Ahead Investigation 3: Solving Equations (46-69) TE: Variables and Patterns Investigation 3: Rules and Equations (69-85), Investigation 4: Calculator Tables and Graphs (87-102), Moving Straight Ahead Investigation 3: Solving Equations (67-94)		
Objective 3.2: Represent relationships using graphs, tables, and other models.				
a.	Identify integer coordinates when given the graph of a point on a rectangular coordinate system.	SE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (10-11) TE: Variables and Patterns		

		Investigation 1: Variables, Tables, and Coordinate Graphs (25-28)		
b.	Graph ordered pairs of integers on a rectangular coordinate system.	SE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (7-15, 17-18, 21, 25-26, 28), Investigation 2: Analyzing Graphs and Tables (32, 36-39, 42-44, 46-47), Accentuate the Negative Investigation 2: Adding and Subtracting Integers (30-31), Investigation 3: Multiplying and Dividing Integers (54) TE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (21-38, 40-42), Investigation 2: Analyzing Graphs and Tables (51-54, 59-66), Accentuate the Negative Investigation 2: Adding and Subtracting Integers (53-56), Investigation 3: Multiplying and Dividing Integers (83)		
c.	Model real-world problems using graphs, tables, equations, manipulatives, and pictures.	SE: Variables and Patterns Investigation 1: Variables, Tables, and Coordinate Graphs (5-29), Investigation 2: Analyzing Graphs and Tables		

		<p>(30-48), Investigation 3: Rules and Equations (49-63), Investigation 4: Calculator Tables and Graphs (64-80),</p> <p>Moving Straight Ahead</p> <p>Investigation 1: Walking Rates (5-23), Investigation 2: Exploring Linear Functions With Graphs and Tables (24-45), Investigation 3: Solving Equations (47-48, 55-58, 61-63, 65-68), Investigation 4: Exploring Slope (76-77, 84-86, 88)</p> <p>TE: Variables and Patterns</p> <p>Investigation 1: Variables, Tables, and Coordinate Graphs (16-43), Investigation 2: Analyzing Graphs and Tables (45-67), Investigation 3: Rules and Equations (69-85), Investigation 4: Calculator Tables and Graphs (87-102),</p> <p>Moving Straight Ahead</p> <p>Investigation 1: Walking Rates (16-40), Investigation 2: Exploring Linear Functions With Graphs and Tables (42-65), Investigation 3: Solving Equations (67-70, 85-94), Investigation 4: Exploring Slope</p>		
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		(111-114, 118-120)		
STANDARD IV: Students will use algebraic, spatial, and logical reasoning to solve geometry and measurement problems.				
Percentage of coverage in the <i>student and teacher edition</i> for Standard IV: <u>57</u> %		Percentage of coverage not in student or teacher edition, but covered in the <i>ancillary material</i> for Standard IV: <u>43</u> %		
OBJECTIVES & INDICATORS		Coverage in <i>Student Edition (SE) and Teacher Edition (TE)</i> (pg #'s, etc.)	Coverage in <i>Ancillary Material</i> (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries</i> ✓
Objective 4.1: Draw, label, and describe attributes of geometric figures to determine geometric relationships.				
a.	Draw, label, and describe relationships among line segments, rays, lines, parallel lines, and perpendicular lines, including midpoint of a line segment.		Online Activities: GM-g Constructions, GM-i Parallel and Perpendicular	
b.	Draw, label, and describe relationships among vertical, adjacent, complementary, and supplementary angles.	SE: Stretching and Shrinking Investigation 3: Similar Polygons (50-51), Investigation 4: Similarity and Ratios (73), Filling and Wrapping Investigation 1: Building Boxes (14-15) TE: Stretching and Shrinking Investigation 3: Similar Polygons (70), Investigation 4: Similarity and Ratios (27), Filling and Wrapping Investigation 1: Building Boxes (33)		

c.	Draw, label, and describe attributes of angles, triangles, and quadrilaterals.		Online Activities: GM-i Parallel and Perpendicular, GM-j Polygon Vertices, GM-o Special Angles	
Objective 4.2: Determine measurements in metric and customary units using appropriate tools and formulas.				
a.	Estimate metric and customary measures using everyday objects and comparisons.	SE: Stretching and Shrinking Investigation 5: Using Similar Triangles and Rectangles (80-81, 84) TE: Stretching and Shrinking Investigation 5: Using Similar Triangles and Rectangles (95-98, 103)		
b.	Measure length, area, volume, and angles to appropriate levels of precision.	SE: Variables and Patterns Investigation 3: Rules and Equations (58-59), Stretching and Shrinking Investigation 1: Enlarging and Reducing Shapes (14-16), Moving Straight Ahead Investigation 3: Solving Equations (64), Filling and Wrapping Investigation 1: Building Boxes (14) TE: Variables and Patterns Investigation 3: Rules and Equations (83), Stretching and Shrinking Investigation 1: Enlarging and Reducing Shapes (29-30), Moving Straight Ahead Investigation 3: Solving		

		Equations (92), Filling and Wrapping Investigation 1: Building Boxes (33)		
c.	Calculate the measurement of everyday objects using formulas for perimeters and areas of triangles and quadrilaterals, and circumferences and areas of circles.		Online Activities: GM-s Circles, ME-c Accurate and Precise Measurements	
d.	Calculate the measurement of everyday objects using formulas for surface area and volume of right triangular and rectangular prisms and cylinders.	SE: Filling and Wrapping Investigation 1: Building Boxes (7-12), Investigation 2: Designing Rectangular Boxes (19-31), Investigation 3: Prisms and Cylinders (32-47), Investigation 4: Cones, Spheres, and Pyramids (48-61), Investigation 5: Scaling Boxes (62-75) TE: Filling and Wrapping Investigation 1: Building Boxes (23-31)), Investigation 2: Designing Rectangular Boxes (37-54), Investigation 3: Prisms and Cylinders (56-77), Investigation 4: Cones, Spheres, and Pyramids (79-94), Investigation 5: Scaling Boxes (96-112)		
STANDARD V: Students will understand concepts from probability and statistics and apply statistical methods to solve problems.				
Percentage of coverage in the <i>student and teacher</i>		Percentage of coverage not in student or teacher edition, but		

<i>edition for</i> Standard V: <u>57</u> %		covered in the <i>ancillary material</i> for Standard V: <u>14</u> %		
OBJECTIVES & INDICATORS		Coverage in Student Edition(SE) and Teacher Edition (TE) (pg #'s, etc.)	Coverage in Ancillary Material (titles, pg #'s, etc.)	<i>Not covered in TE, SE or ancillaries ✓</i>
Objective 5.1: Use basic concepts of probability to determine the likelihood of an event and compare the results of various experiments.				
a.	Write the results of a probability experiment as a fraction, ratio, or decimal, between zero and one, or as a percent between zero and one hundred, inclusive.	SE: What Do You Expect? Investigation 1: Evaluating Games of Chance (6, 9, 15-16), Investigation 2: Analyzing Situations Using an Area Model (22-25, 28-29, 32), Investigation 3: Expected Value (38-39), Investigation 4: Binomial Outcomes (50-51) TE: What Do You Expect? Investigation 1: Evaluating Games of Chance (18-22, 27-32, 34-35), Investigation 2: Analyzing Situations Using an Area Model (38-48, 55-56), Investigation 3: Expected Value (60-64), Investigation 4: Binomial Outcomes (79-82)		
b.	Compare experimental results with theoretical probability.	SE: What Do You Expect? Investigation 1: Evaluating Games of Chance (6, 15, 19),		

		Investigation 2: Analyzing Situations Using an Area Model (22-25, 28-29), Investigation 3: Expected Value (38-39) TE: What Do You Expect? Investigation 1: Evaluating Games of Chance (18-22, 34-35), Investigation 2: Analyzing Situations Using an Area Model (38-48, 55), Investigation 3: Expected Value (60-64)		
c.	Compare individual, small group, and large group results of a probability experiment.			
Objective 5.2: Display and compare data to make predictions and formulate conclusions.				
a.	Display data using tables, scatter plots, and circle graphs.	SE: Data Distributions Investigation 1: Making Sense of Variability (26), Investigation 2: Making Sense of Measures of Center (51), Investigation 4: Comparing Distributions: Unequal Numbers of Data Values (74-75, 84) TE: Data Distributions Investigation 1: Making Sense of Variability (42), Investigation 2: Making Sense of Measures of Center (70), Investigation 4: Comparing Distributions: Unequal Numbers of Data Values (99-102, 117)		

b.	Compare two similar sets of data on the same graph.			
c.	Compare two different kinds of graphs representing the same set of data.		Online Activity: DA-a Choosing Appropriate Graphs: Pictographs and Line Graphs	
d.	Propose and justify inferences and predictions based on data.	SE: What Do You Expect? Investigation 3: Expected Value (38-49), Investigation 4: Binomial Outcomes (50-51, 54) TE: What Do You Expect? Investigation 3: Expected Value (60-77), Investigation 4: Binomial Outcomes (79-82, 91)		